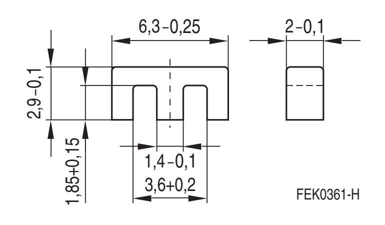


- For miniature transformers, e.g. DC/DC converters for surface mounting
- Available with SMD coil former
- E cores are supplied as single units



Magnetic characteristics (per set)

$\Sigma l/A$ = 3,7 mm^{-1}
l_e = 12,2 mm
A_e = 3,3 mm^2
A_{min} = 2,6 mm^2
V_e = 40,3 mm^3

Approx. weight 0,12 g/set

Material	A_L value nH	μ_e	A_{L1min} mH	Ordering code
N30	700 + 40/– 30 %	2059	—	B66300-G-X130
T38	1700 + 40/– 30 %	4990	—	B66300-G-X138
N87	380 + 30/– 20 %	1120	300	B66300-G-X187

The A_L value in the table applies to a core set comprising two ungapped cores.





SMD coil former with gullwing terminals

Material: GFR liquid crystal polymer (UL 94 V-0, insulation class to IEC 60085: F ≙ max. operating temperature 155 °C), color code black
Solderability: to IEC 60068-2-20, test Ta, method 1 (aging 3): 350 °C, 1 s
Resistance to soldering heat: to IEC 60068-2-20, test Tb, method 1B: 350 °C, 3,5 s
permissible soldering temperature for wire-wrap connection on coil former: 400 °C, 1 s
Winding: see *“Processing Notes”*, page 160

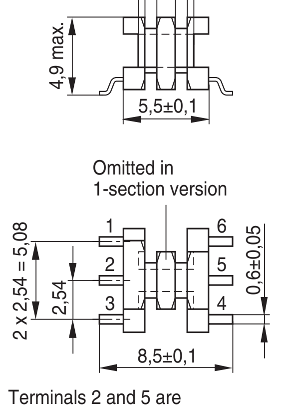
Plastic cover cap

Used to protect the transformer against external influences, for stamping and for improved processing on assembly machines

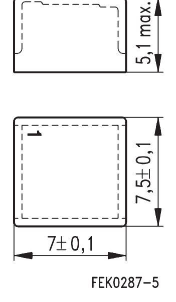
Material: see coil former, color code white

Coil former					Ordering code
Sections	A_N mm²	l_N mm	A_R value µΩ	Terminals	
1	1,62	12,8	272	4 6	B66301-B1004-T1 B66301-B1006-T1
2	0,9	12,8	490	4 6	B66301-B1004-T2 B66301-B1006-T2
Plastic cover cap					B66301-C2000

Coil former



Plastic cover cap



Herausgegeben von EPCOS AG
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Published by EPCOS AG
Marketing Communications, P.O. Box 80 17 09, 81617 Munich, GERMANY

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